

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An optical connector device, comprising:

an optical waveguide layer;

~~a surface-emitting-semiconductor laser array having a function capable of~~
~~selecting beam light propagation or diffused light propagation to change a radiation angle~~
~~of a light~~ first surface emitting laser and a second emitting later;

an optical path changing structure for changing an optical path of the a
light from the ~~semiconductor laser~~ first laser or the second laser; and

light-receiving elements for receiving the light from the ~~semiconductor~~
~~laser~~ first laser or the second laser through the optical waveguide layer,

wherein the first surface emitting laser emits a beam light to one receiving
element and the second surface emitting laser emits a diffused light to a plurality of
receiving elements.

2. (Canceled)

3. (Previously Presented) An optical connector device according to
claim 1, wherein the optical path changing structure is disposed within the optical
waveguide layer.

4. (Canceled)

5. (Currently Amended) An optical connector device according to claim [4] 1, wherein the surface-emitting laser is formed with a current blocking layer in a vicinity of an active layer.

6. (Canceled)

7. (Previously Presented) An optical and electrical wiring combined substrate, comprising:

the optical connector device according to claim 1 formed so as to obtain electrical connection with an electrical circuit board,

wherein a part of or whole signals from the electrical circuit board are transmitted by optical wirings as transmission of optical signals using the optical connector device.